

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	7	ABDALLAH-DAVID-S.in. JOHNSON-BARRY-W.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/03 16:17
S2	425450	"ABDALLAH-DAVID-S." JOHNSON, BARRY "W."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 16:17
S3	272683	S2 @ad<"20020806"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/03 19:06
S8	14	(privari\$ near inc\$1).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/03 16:34
S9	0	S8 @ad<"20010806"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/03 16:35
S10	0	S1 @ad<"20020806"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/03 16:36

## EAST Search History

S11	9811	(\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4host\$3 or end?station\$2 or \$4devic\$3) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl\$5 or (\$4digital\$4 near \$4signatur\$4)) ((\$4mmetric\$4 or Public or Private or Shared or Common) with key\$2) (\$4Respon\$4 or \$4Replay\$4 or \$4Answer\$4 or \$4Transmit\$4 or \$4Receiv\$4 or \$4Send\$4 or \$4Transcei\$4 or \$4Connect\$4 or \$4Communicat\$4 or \$4Exchang\$4) (ID or Identificat\$4 or Username\$3 or Login\$2 or Sign\$2 or Account\$4) (Unique\$3 or (Only adj one adj of adj its adj kind) or (One near2 only) or Sole or Matchless) (\$4digital\$4 near (\$4signatur\$4 or \$4Certific\$8)) (Integrit\$4 or Confidentia\$4 or Priva\$4 or \$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/03 18:54
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## EAST Search History

S12	2207	(Biometric and (Behavioral or Keystroke or Signature or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4host\$3 or end?station\$2 or \$4devic\$3) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl\$5 or (\$4digital\$4 near \$4signatur\$4)) ((\$4mmetric\$4 or Public or Private or Shared or Common) with key\$2) (\$4Respon\$4 or \$4Replay\$4 or \$4Answer\$4 or \$4Transmit\$4 or \$4Receiv\$4 or \$4Send\$4 or \$4Transcei\$4 or \$4Connect\$4 or \$4Communicat\$4 or \$4Exchang\$4) (ID or Identificat\$4 or Username\$3 or Login\$2 or Sign\$2 or Account\$4) (Unique\$3 or (Only adj one adj of adj its adj kind) or (One near2 only) or Sole or Matchless) (\$4digital\$4 near (\$4signatur\$4 or \$4Certific\$8)) (Integrit\$4 or Confidentia\$4 or Priva\$4 or \$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/03 19:09
S13	53195	"726".clas. "713".clas. "380".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 19:06
S14	851	S12 S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/03 19:06
S15	420	S14 @ad<"20020806"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/03 19:13

## EAST Search History

S16	2207	(Biometric and (Behavioral or Keystroke or Signature or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4host\$3 or end?station\$2 or \$4devic\$3) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl\$5 or (\$4digital\$4 near \$4signatur\$4)) ((\$4mmetric\$4 or Public or Private or Shared or Common) with key\$2) (\$4Respon\$4 or \$4Replay\$4 or \$4Answer\$4 or \$4Transmit\$4 or \$4Receiv\$4 or \$4Send\$4 or \$4Transcei\$4 or \$4Connect\$4 or \$4Communicat\$4 or \$4Exchang\$4) (ID or Identificat\$4 or Username\$3 or Login\$2 or Sign\$2 or Account\$4) (Unique\$3 or (Only adj one adj of adj its adj kind) or (One near2 only) or Sole or Matchless) (\$4digital\$4 near (\$4signatur\$4 or \$4Certific\$8)) (Integrit\$4 or Confidentia\$4 or Priva\$4 or \$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/03 19:11
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## EAST Search History

S17	49	(Biometric and (Behavioral or Keystroke or Signature or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4host\$3 or end?station\$2 or \$4devic\$3) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl\$5 or (\$4digital\$4 near \$4signatur\$4)) ((\$4mmetric\$4 or Public or Private or Shared or Common) with key\$2) (\$4Respon\$4 or \$4Replay\$4 or \$4Answer\$4 or \$4Transmit\$4 or \$4Receiv\$4 or \$4Send\$4 or \$4Transcei\$4 or \$4Connect\$4 or \$4Communicat\$4 or \$4Exchang\$4) (ID or Identificat\$4 or Username\$3 or Login\$2 or Sign\$2 or Account\$4) (Unique\$3 or (Only adj one adj of adj its adj kind) or (One near2 only) or Sole or Matchless) (\$4digital\$4 near (\$4signatur\$4 or \$4Certific\$8)) (Integrit\$4 or Confidential\$4 or Priva\$4 or \$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) sensor enroll	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/03 19:42
S18	11	S17 @ad<"20020806"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/03 19:47
S19	1	10/635762	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/03 19:19

## EAST Search History

S20	17	(Biometric and (Behavioral or Keystroke or Signature or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ).ti. (Biometric and (Behavioral or Keystroke or Signature or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ).ab. (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4host\$3 or end?station\$2 or \$4devic\$3) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl\$5 or (\$4digital\$4 near \$4signatur\$4)) ((\$4mmetric\$4 or Public or Private or Shared or Common) with key\$2) (\$4Respon\$4 or \$4Replay\$4 or \$4Answer\$4 or \$4Transmit\$4 or \$4Receiv\$4 or \$4Send\$4 or \$4Transcei\$4 or \$4Connect\$4 or \$4Communicat\$4 or \$4Exchang\$4) (ID or Identificat\$4 or Username\$3 or Login\$2 or Sign\$2 or Account\$4) (Unique\$3 or (Only adj one adj of adj its adj kind) or (One near2 only) or Sole or Matchless) (\$4digital\$4 near (\$4signatur\$4 or \$4Certific\$8)) (Integrit\$4 or Confidential\$4 or Priva\$4 or \$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/03 19:50
S21	4	S20 @ad<"20020806"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/03 20:00

## EAST Search History

S22	60	(Biometric or (Behavioral or Keystroke or Signature or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ).ti. (Biometric or (Behavioral or Keystroke or Signature or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ).ab. (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4host\$3 or end?station\$2 or \$4devic\$3) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl\$5 or (\$4digital\$4 near \$4signatur\$4)) ((\$4mmetric\$4 or Public or Private or Shared or Common) with key\$2) (\$4Respon\$4 or \$4Replay\$4 or \$4Answer\$4 or \$4Transmit\$4 or \$4Receiv\$4 or \$4Send\$4 or \$4Transcei\$4 or \$4Connect\$4 or \$4Communicat\$4 or \$4Exchang\$4) (ID or Identificat\$4 or Username\$3 or Login\$2 or Sign\$2 or Account\$4) (Unique\$3 or (Only adj one adj of adj its adj kind) or (One near2 only) or Sole or Matchless) (\$4digital\$4 near (\$4signatur\$4 or \$4Certific\$8)) (Integrit\$4 or Confidential\$4 or Priva\$4 or \$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) Biometric enroll\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/04 19:33
S23	23	S22 @ad<"20020806"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/04 19:40

## EAST Search History

S24	123	("3639905"   "4449189"   "4685055"   "4975969"   "4993068"   "5018096"   "5055658"   "5056147"   "5065429"   "5111512"   "5131038"   "5163094"   "5165032"   "5181786"   "5191611"   "5195133"   "5228094"   "5229764"   "5245329"   "5259025"   "5268963"   "5280527"   "5291560"   "5321765"   "5337043"   "5339361"   "5386104"   "5412727"   "5412738"   "5414755"   "5432864"   "5436970"   "5442645"   "5455407"   "5456256"   "5457747"   "5465290"   "5469506"   "5473144"   "5481720"   "5502759"   "5509083"   "5513250"   "5513272"   "5534855"   "5566327"   "5577120"   "5578808"   "5581630"   "5586171"   "5594806"   "5608387"   "5613012"   "5615277"   "5623552"   "5635012"   "5636282"   "5636292"   "5642160"   "5646839"   "5647017"   "5655013"   "5657389"   "5659616"   "5664170"   "5668874"   "5677851"   "5686765"   "5712912"   "5712914"   "5719950"   "5751260"   "5761329"   "5764789"   "5781724"   "5790674"   "5802199"   "5805719"   "5812067"   "5815252"   "5815598"   "5821871"   "5825005"   "5838306"   "5838812"   "5844497"   "5872834"   "5881226"   "5887140"   "5892838"   "5987232"   "5995014").PN. OR ("6256737").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/03 20:19
S25	115	S24 @ad<"20020806"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/03 20:20
S26	28	S25 (Biometric or (Behavioral or Keystroke or Signature or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ).ti. (Biometric or (Behavioral or Keystroke or Signature or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/03 20:24



## EAST Search History

S27	57	(Biometric or (Behavioral or Keystroke or Signature or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ).ti. (Biometric or (Behavioral or Keystroke or Signature or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ).ab. (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4host\$3 or end?station\$2 or \$4devic\$3) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl\$5) ((\$4mmetric\$4 or Public or Private or Shared or Common) with key\$2) (\$4Respon\$4 or \$4Replay\$4 or \$4Answer\$4 or \$4Transmit\$4 or \$4Receiv\$4 or \$4Send\$4 or \$4Transcei\$4 or \$4Connect\$4 or \$4Communicat\$4 or \$4Exchang\$4) (ID or Identificat\$4 or Username\$3 or Login\$2 or Sign\$2 or Account\$4) (\$4digital\$4 near (\$4signatur\$4 or \$4Certific\$8)) (Integrit\$4 or Confidentia\$4 or Priva\$4 or \$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) enroll\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 10:21
S28	23	S27 @ad<"20020806"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/04 19:51
S29	17	(US-20030115475-\$ or US-20040139329-\$ or US-20020174344-\$ or US-20030200257-\$ or US-20030115490-\$ or US-20030101349-\$ or US-20020056043-\$).did. or (US-5930804-\$ or US-6397198-\$ or US-6553494-\$ or US-6993659-\$ or US-6957337-\$ or US-6505193-\$ or US-6256737-\$ or US-7035442-\$ or US-5659616-\$ or US-7024562-\$). did.	US-PGPUB; USPAT	AND	ON	2007/07/04 19:50

## EAST Search History

S30	16	S29 @ad<"20020806"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 10:25
S31	1	S29 not S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/04 19:51
S32	425450	"ABDALLAH-DAVID-S." JOHNSON, BARRY "W."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/04 19:51
S33	1	S30 S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/04 19:52
S34	2	"5872848".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 10:15
S35	2	"20020104006"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 10:15
S36	2	"20020023217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 10:15

## EAST Search History

S37	18	(Biometric or (Behavioral or Keystroke or Signature or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4host\$3 or end?station\$2 or \$4devic\$3) ((\$4mmetric\$4 or Public or Private or Shared or Common) with key\$2) (ID or Identificat\$4 ) (\$4digital\$4 near (\$4signatur\$4 or \$4Certific\$8)) (Integrit\$4 or Confidential\$4 or Priva\$4 or \$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) enroll\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/07/05 10:29
S38	5	S37 @ad<"20020806"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 10:33
S39	9	(Biometric or (Behavioral or Keystroke or Signature or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ) (ID or Identificat\$4 ) (\$4digital\$4 near (\$4signatur\$4 or \$4Certific\$8)) (Integrit\$4 or Confidential\$4 or Priva\$4 or \$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) enroll\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/07/05 10:37
S40	4	S39 @ad<"20020806"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 10:39
S41	1603	( (Biometric or (Behavioral or Keystroke or Signature or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ) (\$4digital\$4 near (\$4signatur\$4 or \$4Certific\$8)) ).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 10:36

## EAST Search History

S42	0	( (Biometric or (Behavioral or Keystroke or Signature or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ) (ID or Identificat\$4 ) (\$4digital\$4 near (\$4signatur\$4 or \$4Certific\$8)) (Integrit\$4 or Confidentia\$4 or Priva\$4 or \$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) enroll\$5 ).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 10:39
S43	0	( (Biometric or (Behavioral or Keystroke or Signature or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ) (ID or Identificat\$4 ) (\$4digital\$4 near (\$4signatur\$4 or \$4Certific\$8)) enroll\$5 ).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 10:38
S44	78	( (Biometric or (Behavioral or Keystroke or Signature or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ) (ID or Identificat\$4 ) (\$4digital\$4 near (\$4signatur\$4 or \$4Certific\$8)) ).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 10:38
S45	58	S44 @ad<"20020806"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 10:40
S46	39	( (Biometric or (Behavioral or Keystroke or Signature or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ) (ID or Identificat\$4 ) (\$4digital\$4 near (\$4signatur\$4 or \$4Certific\$8)) (Integrit\$4 or Confidentia\$4 or Priva\$4 or \$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) ).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 10:40

## EAST Search History

S47	28	S46 @ad<"20020806"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 10:41
S48	8	( (Biometric or (Behavioral or Keystroke or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ) (ID or Identificat\$4 ) (\$4digital\$4 near (\$4signatur\$4 or \$4Certific\$8)) (Integrit\$4 or Confidentia\$4 or Priva\$4 or \$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) ).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 10:47
S49	7	S48 @ad<"20020806"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 10:49
S50	23	( (Biometric or (Behavioral or Keystroke or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ) (ID or Identificat\$4 ) (\$4digital\$4 near (\$4signatur\$4 or \$4Certific\$8)) (Integrit\$4 or Confidentia\$4 or Priva\$4 or \$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) (enroll\$5 or \$4Regist\$8) ).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 11:35
S51	16	S50 @ad<"20020806"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 10:58

## EAST Search History

S52	21	(US-20030115475-\$ or US-20020174344-\$ or US-20030200257-\$ or US-20030115490-\$ or US-20030101349-\$ or US-20020056043-\$ or US-20020129251-\$).did. or (US-5930804-\$ or US-6397198-\$ or US-6993659-\$ or US-6957337-\$ or US-6505193-\$ or US-6256737-\$ or US-7035442-\$ or US-5659616-\$ or US-7024562-\$ or US-7181017-\$ or US-6853988-\$ or US-6202151-\$). did. or (WO-200140982-\$ or WO-9850875-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/07/05 10:58
S53	21	S52 @ad<"20020806"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 11:43
S54	425675	"ABDALLAH-DAVID-S." JOHNSON, BARRY "W."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 10:59
S55	1	S53 S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 10:59
S56	20	(US-20030115475-\$ or US-20020174344-\$ or US-20030200257-\$ or US-20030115490-\$ or US-20030101349-\$ or US-20020056043-\$ or US-20020129251-\$).did. or (US-5930804-\$ or US-6397198-\$ or US-6993659-\$ or US-6957337-\$ or US-6505193-\$ or US-6256737-\$ or US-7035442-\$ or US-5659616-\$ or US-7024562-\$ or US-6853988-\$ or US-6202151-\$).did. or (WO-200140982-\$ or WO-9850875-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/07/05 11:00

## EAST Search History

S57	17	(US-20030115475-\$ or US-20020174344-\$ or US-20030200257-\$ or US-20030115490-\$ or US-20030101349-\$ or US-20020056043-\$ or US-20020129251-\$).did. or (US-5930804-\$ or US-6397198-\$ or US-6957337-\$ or US-6505193-\$ or US-6256737-\$ or US-7035442-\$ or US-5659616-\$ or US-7024562-\$ or US-6853988-\$ or US-6202151-\$). did.	US-PGPUB; USPAT	AND	ON	2007/07/05 11:13
S58	146	("4625076"   "4981370"   "5005200"   "5031214"   "5157726"   "5163091"   "5191613"   "5214702").PN. OR ("5659616"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/05 11:30
S59	74	("5229764"   "5280527"   "5615277"   "5682142"   "5706427"   "5719950"   "5757916").PN. OR ("5930804").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/05 11:30
S60	79	("4109237"   "4405829"   "4641349"   "4868877"   "5214699"   "5224173"   "5259025"   "5263097"   "5291560"   "5386104"   "5412727"   "5428357"   "5457747"   "5469506"   "5534855"   "5581630"   "5604802"   "5619620"   "5623545"   "5719950"   "5748738"   "5787186"   "5838812"   "5892838"   "5905807").PN. OR ("6202151").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/05 11:30

## EAST Search History

S61	123	("3639905"   "4449189"   "4685055"   "4975969"   "4993068"   "5018096"   "5055658"   "5056147"   "5065429"   "5111512"   "5131038"   "5163094"   "5165032"   "5181786"   "5191611"   "5195133"   "5228094"   "5229764"   "5245329"   "5259025"   "5268963"   "5280527"   "5291560"   "5321765"   "5337043"   "5339361"   "5386104"   "5412727"   "5412738"   "5414755"   "5432864"   "5436970"   "5442645"   "5455407"   "5456256"   "5457747"   "5465290"   "5469506"   "5473144"   "5481720"   "5502759"   "5509083"   "5513250"   "5513272"   "5534855"   "5566327"   "5577120"   "5578808"   "5581630"   "5586171"   "5594806"   "5608387"   "5613012"   "5615277"   "5623552"   "5635012"   "5636282"   "5636292"   "5642160"   "5646839"   "5647017"   "5655013"   "5657389"   "5659616"   "5664170"   "5668874"   "5677851"   "5686765"   "5712912"   "5712914"   "5719950"   "5751260"   "5761329"   "5764789"   "5781724"   "5790674"   "5802199"   "5805719"   "5812067"   "5815252"   "5815598"   "5821871"   "5825005"   "5838306"   "5838812"   "5844497"   "5872834"   "5881226"   "5887140"   "5892838"   "5987232"   "5995014").PN. OR ("6256737").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/05 11:30
S62	3	("2002/0056043").URPN.	USPAT	AND	ON	2007/07/05 11:31



## EAST Search History

S63	75	("3876864"   "3943335"   "4321672"   "4390968"   "4484328"   "4675815"   "4734858"   "4799156"   "4821118"   "4837422"   "4845636"   "4926480"   "4947028"   "4961142"   "4993068"   "4995086"   "4998279"   "5036461"   "5054089"   "5095194"   "5109427"   "5109428"   "5144680"   "5168520"   "5180901"   "5191611"   "5210588"   "5210797"   "5222152"   "5224164"   "5229764"   "5230025"   "5239583"   "5241606"   "5251259"   "5265162"   "5276314"   "5280527"   "5321242"   "5325442"   "5329589"   "5335288"   "5343529"   "5351303"   "5354974"   "5359669"   "5383113"   "5386104"   "5499288"   "5513272"   "5517558"   "5561718"   "5602933"   "5604802"   "5613102"   "5615277"   "5636282"   "5745555"   "5757917"   "5764789"   "5802199"   "5805719"   "5826245"   "5838812"   "5870723"   "5956700"   "5991372"   "6016476"   "6023688"   "6045039"   "6084967").PN. OR ("6397198"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/05 11:31
S64	0	("2002/0129251").URPN.	USPAT	AND	ON	2007/07/05 11:31
S65	0	("2002/0174344").URPN.	USPAT	AND	ON	2007/07/05 11:31
S66	29	("20010034836"   "20010049785"   "4641349"   "4868877"   "4876608"   "4995081"   "5151583"   "5291560"   "5404163"   "5534855"   "5572596"   "5659616"   "5721781"   "5802199"   "5805712"   "6026166"   "6181803"   "6202151"   "6256737"   "6289113"   "6324271").PN. OR ("6505193"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/05 11:31
S67	0	("2003/0101349").URPN.	USPAT	AND	ON	2007/07/05 11:31
S68	2	("2003/0115490").URPN.	USPAT	AND	ON	2007/07/05 11:31
S69	5	("2003/0115475").URPN.	USPAT	AND	ON	2007/07/05 11:32
S70	0	("2003/0200257").URPN.	USPAT	AND	ON	2007/07/05 11:32

## EAST Search History

S71	26	("5615269"   "5666414"   "5666416"   "5717758"   "5960083"   "6009177"   "6026163"   "6073237"   "6092201"   "6094485"   "6134550"   "6229894"   "6240183"   "6301659"   "6336186"   "6424718"   "6483921"   "6615347").PN. OR ("6853988"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/05 11:32
S72	6	("5623552"   "6038315"   "6219439"   "6332193"   "6762684").PN. OR ("6957337").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/05 11:32
S73	13	("4529870"   "5031214"   "5163091"   "5191613"   "5534855"   "5541994"   "5604802"   "5680460"   "5832091"   "5956409"   "6035398"   "6193153"   "6310966").PN. OR ("7024562"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/05 11:32
S74	18	("20020010862"   "20030085917"   "20030105966"   "5987232"   "6011858"   "6038315"   "6067621"   "6122737"   "6151676"   "6161185"   "6167517"   "6256737"   "6317834"   "6320974"   "6324020"   "6332193"   "6401066"   "6904449").PN. OR ("7035442"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/05 11:32
S75	509	S58 S59 S60 S61 S62 S63 S64 S65 S66 S67 S68 S69 S70 S71 S72 S73 S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 11:33
S76	1354	( (Biometric or (Behavioral or Keystroke or Voice or Physiological or Face o Facial or Fingerprint or Hand or Retinal or Iris or DNA or Gait or Odor) ) (ID or Identificat\$4 ) (\$4digital\$4 near (\$4signatur\$4 or \$4Certific\$8)) (Integrit\$4 or Confidentia\$4 or Priva\$4 or \$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/07/05 11:35

## EAST Search History

S77	50	S75 S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 11:43
S78	37	S77 @ad<"20020806"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 11:44
S79	3	10/099554	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/05 12:05
S80	17	(US-20030115475-\$ or US-20020174344-\$ or US-20030200257-\$ or US-20030115490-\$ or US-20030101349-\$ or US-20020056043-\$ or US-20020129251-\$).did. or (US-5930804-\$ or US-6397198-\$ or US-6957337-\$ or US-6505193-\$ or US-6256737-\$ or US-7035442-\$ or US-5659616-\$ or US-7024562-\$ or US-6853988-\$ or US-6202151-\$). did.	US-PGPUB; USPAT	AND	ON	2007/07/05 12:22